

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

ATTN: BOX PATENT APPLICATION

*Sheet 1 of 2*

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
Docket No.: 02-705  
Date: September 26, 2003

17497 U.S. PTO  
10/672615  
09/26/03

U.S. Express Mail Label No.: **EV323569147US**

Inventor Name(s):

ROBERT A. AARESTAD; JASON L. BRINKMAN; PAUL D. HAGEN; JOHN J. KRONE; AND  
GEORGE M. ROMACK

Title:

CYLINDER WITH INTERNAL PUSHROD

Fee Transmittal Form Attached in Duplicate

Specification and Claim(s) [Total Pages **27** ]

Drawing(s) [Total Sheets **6** ]

**INFORMAL**

Declaration [Total Pages  ]

Newly Executed (Original or Copy)

Copy From Prior Application (37 CFR § 1.63(d))

Deletion of Inventor(s) (37 CFR § 1.63(d)(2))  
(Signed Statement Attached)

Assignment Papers (Cover Sheet and Document(s))

37 CFR § 3.73(b) Statement (if applicable)  Power of Attorney

English Translation Document (if applicable)

Information Disclosure Statement (IDS)/PTO-1449

Copies of IDS Citations

Preliminary Amendment

Return Receipt Postcard (Specifically Itemized)

Certified Copy of Priority Document(s)

Other

If a Continuing Application

Continuation       Divisional       Continuation-In-Part (CIP)

of prior Application No.: ;

Examiner: ; and

Group/Art Unit:

Cancel Claims:

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:

Customer Number or Bar Code Label: 719

or

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Name:

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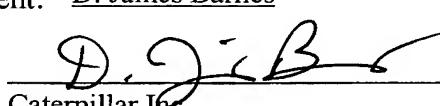
Country:

\*\*\*\*\*

Attorney/Agent: D. James Barnes

Registration No.: 48,869

Signature:



Caterpillar Inc.

Date: Sep. 26, 2003

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known	
Application Number	(Unassigned)
Filing Date	(Herewith)
First Named Inventor	Robert A. Aarestad ET AL.
Examiner Name	(Unassigned)
Art Unit	(Unassigned)
Attorney Docket No.	02-705

## METHOD OF PAYMENT (check all that apply)

 Check  Credit Card  Money Order  Other  None
 Deposit Account

Deposit

03-1129

Account Number

Deposit Account Name

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	(\\$)
1001	2001	375	Utility filing fee
1002	2002	165	Design filing fee
1003	2003	260	Plant filing fee
1004	2004	375	Reissue filing fee
1005	2005	80	Provisional filing fee
SUBTOTAL (1)		(\$)	750

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid	
Total Claims 31	-20** = 11	X 18 = 198	
Independent Claims 3	-3** = 0	X 84 = 0	
Multiple Dependent			
Large Entity	Small Entity	Fee Description	
Fee Code	Fee Code	(\\$)	
1202	18	2002 9	Claims in excess of 20
1201	84	2001 42	Independent claims in excess of 3
1203	280	2203 140	Multiple dependent claim, if not paid
1204	84	2204 42	**Reissue independent claims over original patent
1205	18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)	198

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	(\\$)
1051	130	2051 65	Surcharge - late filing fee or oath
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053 130	Non-English specification
1812	2,520	1812 2,520	For filing a request for ex parte reexamination
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251	110	2251 55	Extension for reply within first month
1252	410	2252 205	Extension for reply within second month
1253	930	2253 465	Extension for reply within third month
1254	1,450	2254 725	Extension for reply within fourth month
1255	1,970	2255 985	Extension for reply within fifth month
1401	320	2401 160	Notice of Appeal
1402	320	2402 160	Filing a brief in support of an appeal
1403	280	2403 140	Request for oral hearing
1451	1,510	1451 1,510	Petition to institute a public use proceeding
1452	110	2452 55	Petition to revive - unavoidable
1453	1,300	2453 650	Petition to revive - unintentional
1501	1,300	2501 650	Utility issue fee (or reissue)
1502	470	2502 235	Design issue fee
1503	630	2503 315	Plant issue fee
1460	130	1460 130	Petitions to the Commissioner
1807	50	1807 50	Processing fee under 37 CFR 1.17(q)
1806	180	1806 180	Submission of Information Disclosure Stmt
8021	40	8021 40	Recording each patent assignment per property (times number of properties)
1809	750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))
1810	750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))
1801	750	2801 375	Request for Continued Examination (RCE)
1802	900	1802 900	Request for expedited examination of a design application
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	D. James Barnes	Registration No. (Attorney/Agent)	48,869	Telephone	(309) 494-1815
Signature				Date	09/26/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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